

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
- ☐ divisional
- ☐ continuation
- ☒ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

Emissivity-Change-Free Pumping Plate Kit In A Single Wafer Chamber

SPECIFICATION IDENTIFICATION

The specification of which:

- ☒ is attached hereto
- ☐ was filed on _____, under Serial No. _____, executed on even date herewith; or ☐ Express Mail No.(as Serial No. not yet known) and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____.

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I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America or of any United States Provisional Application(s) listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter

having a filing date before that of the application(s) of which priority is claimed.

- ☐ No such applications have been filed.
☒ Such applications have been filed as follows:

A. Prior foreign/PCT/provisional application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. § 119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
United States	USSN 60/220,039	July 21, 2000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
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<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
09/798,424	March 2, 2001	<u>Patented Pending</u> X <u>Abandoned</u>

POWER OF ATTORNEY

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Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Michael B. Einschlag	Registration No. 29,301
Joseph Bach	Registration No. 37,771
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James C. Wilson	Registration No. 35,412
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Robert W. Mulcahy	Registration No. 25,436

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Send correspondence to:

Patent Counsel, MS/2061
Legal Affairs Dept.
Applied Materials, Inc.
3050 Bowers Avenue
Santa Clara, CA 95054.

Direct telephone calls to:

Michael A. Bernadicou
(408) 720-8300

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: **Xiaoliang Jin**

Inventor's signature: Xiaoliang Jin Date: 1/8/02

Residence: San Jose, California

Post Office Address: 1212 Arlington Lane

San Jose, CA 95129

U.S.A.

Country of Citizenship: USA

Full name of second inventor: **Shulin Wang**

Inventor's signature: _____ Date: _____

Residence: Campbell, California

Post Office Address: 959 Steinway Avenue

Campbell, CA 95008

U.S.A.

Country of Citizenship: USA

Full name of third inventor: **Lee Luo**

Inventor's signature: _____ Date: _____

Residence: Fremont, California

Post Office Address: 222 Brunswick Place

Fremont, CA 94539

U.S.A.

Country of Citizenship: USA

Full name of fourth inventor: **Henry Ho**

Inventor's signature: _____ Date: _____

Residence: San Jose, California

Post Office Address: 6906 Lenwood Way

San Jose, CA 95120

U.S.A.

Country of Citizenship: USA

Full name of fifth inventor: **Steven A. Chen**

Inventor's signature: _____ Date: _____

Residence: San Jose, California

Post Office Address: 2278 Quail Bluff Place

San Jose, CA 95121

U.S.A.

Country of Citizenship: USA

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Inventor's signature: _____ Date: _____
Residence: San Jose, California
Post Office Address: 1212 Arlington Lane
San Jose, CA 95129
U.S.A. Country of Citizenship: USA

Full name of second inventor: **Shulin Wang**

Inventor's signature: Shulin Wang Date: 01/07/02
Residence: Campbell, California
Post Office Address: 959 Steinway Avenue
Campbell, CA 95008
U.S.A. Country of Citizenship: USA

Full name of third inventor: **Lee Luo**

Inventor's signature: _____ Date: _____
Residence: Fremont, California
Post Office Address: 222 Brunswick Place
Fremont, CA 94539
U.S.A. Country of Citizenship: USA

Full name of fourth inventor: **Henry Ho**

Inventor's signature: _____ Date: _____
Residence: San Jose, California
Post Office Address: 6906 Lenwood Way
San Jose, CA 95120
U.S.A. Country of Citizenship: USA

Full name of fifth inventor: **Steven A. Chen**

Inventor's signature: _____ Date: _____
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my patent attorneys and/or agents of APPLIED MATERIALS, INC, located at M/S 2061, 3050 Bowers Avenue, Santa Clara, California 90504, and William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; William Thomas Babbitt, Reg. No. 39,591; Carol F. Barry, Reg. No. 41,600; Jordan Michael Becker, Reg. No. 39,602; Lisa N. Benado, Reg. No. 39,995; Bradley J. Bereznek, Reg. No. 33,474; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Thomas M. Coester, Reg. No. 39,637; Donna Jo Coningsby, Reg. No. 41,684; Florin Corie, Reg. No. 46,244; Mimi Diemmy Dao, Reg. No. 45,628; Dennis M. deGuzman, Reg. No. 41,702; Stephen M. De Klerk, Reg. No. 46,503; Michael Anthony DeSanctis, Reg. No. 39,957; Daniel M. De Vos, Reg. No. 37,813; Justin M. Dillon, Reg. No. 42,486; Sanjeet Dutta, Reg. No. 46,145; Matthew C. Fagan, Reg. No. 37,542; Tarek N. Fahmi, Reg. No. 41,402; Thomas S. Ferrill, Reg. No. 42,532; George Fountain, Reg. No. 37,374; James Y. Go, Reg. No. 40,621; James A. Henry, Reg. No. 41,064; Libby N. Ho, Reg. No. 46,774; Willmore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; William W. Kidd, Reg. No. 31,772; Sang Hui Kim, Reg. No. 40,450; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; George Brian Leavell, Reg. No. 45,436; Kurt P. Leyendecker, Reg. No. 42,799; Gordon R. Lindeen III, Reg. No. 33,192; Jan Carol Little, Reg. No. 41,181; Julio Loza, Reg. No. P47,758; Joseph Lutz, Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, Reg. No. P048,095; Paul A. Mendonsa, Reg. No. 42,879; Clive D. Menezes, Reg. No. 45,493; Chun M. Ng, Reg. No. 36,878; Thien T. Nguyen, Reg. No. 43,835; Thinh V. Nguyen, Reg. No. 42,034; Robert B. O'Rourke, Reg. No. 46,972; Daniel E. Ovanezian, Reg. No. 41,236; Kenneth B. Paley, Reg. No. 38,989; Gregg A. Peacock, Reg. No. 45,001; Marina Portnova, Reg. No. 45,750; William F. Ryann, Reg. No. 44,313; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Jeffrey S. Schubert, Reg. No. 43,098; George Simion, Reg. No. P47,089; Maria McCormack Sobrino, Reg. No. 31,639; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Edwin H. Taylor, Reg. No. 25,129; John F. Travis, Reg. No. 43,203; Mark C. Van Ness, Reg. No. 39,865; Tom Van Zandt, Reg. No. 43,219; Brent E. Vecchia, Reg. No. P48,011; Lester J. Vincent, Reg. No. 31,460; Archana B. Vittal, Reg. No. 45,182; Glenn E. Von Tersch, Reg. No. 41,364; John Patrick Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. 46,322; Thomas C. Webster, Reg. No. 46,154; and Norman Zafman, Reg. No. 26,250; my patent attorneys, and Firasat Ali, Reg. No. 45,715; and Raul Martinez, Reg. No. 46,904, my patent agents, of BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, and James R. Thein, Reg. No. 31,710, my patent attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send correspondence to:

Patent Counsel, MS/2061
Legal Affairs Dept.
Applied Materials, Inc.
3050 Bowers Avenue
Santa Clara, CA 95054.

Direct telephone calls to:

Michael A. Bernadicou
(408) 720-8300

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: **Xiaoliang Jin**

Inventor's signature: _____ Date: _____
Residence: San Jose, California
Post Office Address: 1212 Arlington Lane
San Jose, CA 95129
U.S.A. Country of Citizenship: USA

Full name of second inventor: **Shulin Wang**

Inventor's signature: _____ Date: _____
Residence: Campbell, California
Post Office Address: 959 Steinway Avenue
Campbell, CA 95008
U.S.A. Country of Citizenship: USA

Full name of third inventor: **Lee Luo**

Inventor's signature: Lee Luo Date: 1/7/02
Residence: Fremont, California
Post Office Address: 222 Brunswick Place
Fremont, CA 94539
U.S.A. Country of Citizenship: USA

Full name of fourth inventor: **Henry Ho**

Inventor's signature: _____ Date: _____
Residence: San Jose, California
Post Office Address: 6906 Lenwood Way
San Jose, CA 95120
U.S.A. Country of Citizenship: USA

Full name of fifth inventor: **Steven A. Chen**

Inventor's signature: _____ Date: _____
Residence: San Jose, California
Post Office Address: 2278 Quail Bluff Place
San Jose, CA 95121
U.S.A. Country of Citizenship: USA

(Declaration ends with this page)

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
- ☐ divisional
- ☐ continuation
- ☒ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

Emissivity-Change-Free Pumping Plate Kit In A Single Wafer Chamber

SPECIFICATION IDENTIFICATION

The specification of which:

- ☒ is attached hereto
- ☐ was filed on _____, under Serial No. _____, executed on even date herewith; or ☐ Express Mail No.(as Serial No. not yet known) and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, 1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America or of any United States Provisional Application(s) listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter

having a filing date before that of the application(s) of which priority is claimed.

- ☐ No such applications have been filed.
☒ Such applications have been filed as follows:

A. Prior foreign/PCT/provisional application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. § 119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
United States	USSN 60/220,039	July 21, 2000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, § 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

- ☐ No such applications have been filed
☒ Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>	
		<u>Patented Pending</u>	<u>Abandoned</u>
09/798,424	March 2, 2001	X	

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Michael B. Einschlag	Registration No. 29,301
Joseph Bach	Registration No. 37,771
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Residence: San Jose, California
Post Office Address: 1212 Arlington Lane
San Jose, CA 95129
U.S.A. Country of Citizenship: USA

Full name of second inventor: **Shulin Wang**

Inventor's signature: _____ Date: _____
Residence: Campbell, California
Post Office Address: 959 Steinway Avenue
Campbell, CA 95008
U.S.A. Country of Citizenship: USA

Full name of third inventor: **Lee Luo**

Inventor's signature: _____ Date: _____
Residence: Fremont, California
Post Office Address: 222 Brunswick Place
Fremont, CA 94539
U.S.A. Country of Citizenship: USA

Full name of fourth inventor: **Henry Ho**

Inventor's signature: _____ Date: 1/8/02
Residence: San Jose, California
Post Office Address: 6906 Lenwood Way
San Jose, CA 95120
U.S.A. Country of Citizenship: USA

Full name of fifth inventor: **Steven A. Chen**

Inventor's signature: _____ Date: _____
Residence: San Jose, California
Post Office Address: 2278 Quail Bluff Place
San Jose, CA 95121
U.S.A. Country of Citizenship: USA

(Declaration ends with this page)

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
- ☐ divisional
- ☐ continuation
- ☒ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

Emissivity-Change-Free Pumping Plate Kit In A Single Wafer Chamber

SPECIFICATION IDENTIFICATION

The specification of which:

- ☒ is attached hereto
- ☐ was filed on _____, under Serial No. _____, executed on even date herewith; or ☐ Express Mail No.(as Serial No. not yet known) and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____.

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A. Prior foreign/PCT/provisional application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. § 119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
United States	USSN 60/220,039	July 21, 2000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No

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<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>	
		<u>Patented Pending</u>	<u>Abandoned</u>
09/798,424	March 2, 2001	X	

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
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U.S.A. Country of Citizenship: USA

Full name of second inventor: **Shulin Wang**

Inventor's signature: _____ Date: _____
Residence: Campbell, California
Post Office Address: 959 Steinway Avenue
Campbell, CA 95008
U.S.A. Country of Citizenship: USA


Full name of third inventor: **Lee Luo**

Inventor's signature: _____ Date: _____
Residence: Fremont, California
Post Office Address: 222 Brunswick Place
Fremont, CA 94539
U.S.A. Country of Citizenship: USA

Full name of fourth inventor: **Henry Ho**

Inventor's signature: _____ Date: _____
Residence: San Jose, California
Post Office Address: 6906 Lenwood Way
San Jose, CA 95120
U.S.A. Country of Citizenship: USA

Full name of fifth inventor: **Steven A. Chen**

Inventor's signature:  _____ Date: 12/21/01
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Post Office Address: 2278 Quail Bluff Place
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(Declaration ends with this page)